

Remarks/Arguments

Claims 1-8 are pending. Claim 8 has been added to more fully claim the subject matter that applicants regard as their invention. No new matter is believed to be added by the present amendment.

Rejection of claim 6 under 35 USC 112, second paragraph.

Claim 6 has been amended to recite "said first device." Applicants submit that there is now sufficient antecedent basis for the elements of claim 6, and that the subject rejection is overcome.

Rejection of claims 1-7 under 35 USC 102(b) as being anticipated by Strecker

Applicants submit that for the reasons discussed below present claims 1-7 are not anticipated under 35 USC 102(b) by Strecker.

The Examiner essentially relies on col. 4, lines 9 to 24 as disclosing the features

- *having said second device allocate a message buffer to said connection, said second device communicating the message buffer size to said first device;*
- *having said first device transmit said data packet to said second device, wherein said data packet is split and sent as payload in messages, where the size of the payloads is smaller or equal to said message buffer size*

However, Applicants submit that cited portion of Strecker has been misinterpreted, and that the memory buffer taught in Strecker does not appear to be of the same nature as the message buffer recited in the present claims.

Strecker specifically mentions that the memory buffer refers to a buffer in the actual memory of a node, and NOT to a communications buffer interfacing between the communication bus and the other elements of a node (col. 3, line 67 - col. 4, line 5).

In the passage cited by the Examiner, a first node desiring to send information to a second node will split that information into the payload of several packets. Each packet includes an offset within the second node's memory where

the payload of the given packet is to be written. Thus, the packets sent by the first node are essentially write messages in specific memory areas of the second node.

By contrast, the claimed invention is entirely different. According to the invention, the first device allocates a message buffer size to a connection with a second device, and the second device adapts the payload size in the packets it sends to the first node as a function of this message buffer size, which was previously transmitted by the first device.

Strecker does not disclose or suggest such a relationship between the payload size of a packet and the memory buffer size in the receiver.

In view of the above, Applicants respectfully submit that Strecker fails to disclose or suggest notable features of the present claims, and as such, claim 1, and the claims that depend therefrom, are not anticipated by Strecker.

Having fully addressed the Examiner's rejections it is believed that, in view of the preceding amendments and remarks, this application stands in condition for allowance. Accordingly then, reconsideration and allowance are respectfully solicited. If, however, the Examiner is of the opinion that such action cannot be taken, the Examiner is invited to contact the applicant's attorney at (609) 734-6815, so that a mutually convenient date and time for a telephonic interview may be scheduled.

Respectfully submitted,



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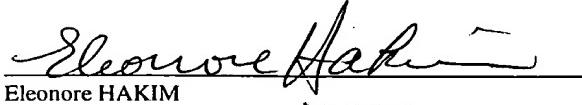
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I hereby certify that this amendment is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, Alexandria, Virginia 22313-1450 on:

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Eleonore HAKIM